

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 11 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

[[In a]] A method for transmitting measured values between two measurement transmitters, which transmit, via two communication connections, digital signals according to the master/slave principle and analog signals to a control system, which serves as the master, comprises the steps of: transmitting the digital signals are also transmitted between the two measurement transmitters via an additional communication connection; and the incoming digital signals in the receiver measurement transmitter are examined for at least one characteristic value of the transmitting measurement transmitter, in order to find measured values needed for evaluation in the receiver measurement transmitter.

(Fig. 1)